

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 6     | ((("6616031") or ("5368217") or ("5351872")).PN.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/10 15:31 |
| L2    | 10143 | gas near bearing   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:36 |
| L3    | 185   | L2 and (gas near bearing) near (rod or shaft or spindle)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:36 |
| L4    | 30    | L3 and tool  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:36 |
| L5    | 3501  | (228/4.1,6.1,6.2,8,9,44.7,47.1,49.1,49.5).CCLS.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/10 15:36 |
| L6    | 422   | L5 and (die or chip) near (bond or bond\$4 or attach or attach\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:36 |
| L7    | 109   | L6 and bearing   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:36 |
| L8    | 74    | L7 and motor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:36 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L9  | 9     | L8 and (vcm or voice near coil)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/10 15:36 |
| L10 | 4     | L9 and ((load near cell) or (pressure or force or load) near (sense or sensor or detect or detector or measure or measurement or sens\$4 or detect\$4 or measur\$4))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/10 15:36 |
| L11 | 1     | L10 and load near cell  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/10 15:36 |
| L12 | 59326 | (die or chip) near (bond or bond\$4 or attach or attach\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/10 15:36 |
| L13 | 16    | L12 and gas near bearing  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/10 15:36 |
| L14 | 4848  | L12 and bearing   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/10 15:36 |
| L15 | 306   | L14 and ((load near cell) or (pressure or force or load) near (sense or sensor or detect or detector or measure or measurement or sens\$4 or detect\$4 or measur\$4)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/10 15:36 |
| L16 | 79    | L15 and load near cell  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/10 15:36 |

## EAST Search History

|     |    |                                  |   |    |    |                  |
|-----|----|----------------------------------|---|----|----|------------------|
| L17 | 58 | L16 and motor                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/10 15:36 |
| L18 | 3  | L17 and (vcm or voice near coil) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/10 15:36 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 4678 | ((228/4.1,6.1,6.2,8,9,44.7,47.1,49.1,49.5) or (219/56,56.1,56.2,56.22,56.21)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/10 15:40 |
| L2    | 464  | 1 and (die or chip) near (bond or bond\$4 or attach or attach\$5)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:40 |
| L3    | 2    | 2 and (gas or fluid) near bearing   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:41 |
| L4    | 1    | 3 and (vcm or voice near coil)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:41 |
| L5    | 1    | 3 and load near cell  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:42 |
| L7    | 1    | 4 and 5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/10 15:42 |